

ABSTRACT OF THE INVENTION

An insulated cryo-pack is provided for sustaining and protecting a material, having an inner container, a plurality of dry ice pellets and an outer container. The material is disposed and sealed within the inner container. The dry ice pellets are disposed in the outer container with a thickness of at least 2 inches thick on all sides of the inner container. Preferably, the dry ice pellets is filled in a barrier bag disposed in the outer container. The barrier bag assumes the interior contour of the outer container. The barrier bag includes an open top extending over the height of the outer container. When the inner container is disposed in the outer container, the open top of the barrier bag is folded over the inner container and secured by a tape with a width of about 2 inches.